ENVIRONMENTAL CHEMISTS

Date of Report: 08/03/04 Date Received: 07/22/04

Project: Metro Self Monitor, PO# M93877, F&BI 407217

Date Extracted: 07/30/04 Date Analyzed: 07/30/04

RESULTS FROM THE ANALYSIS OF THE WATER SAMPLE FOR TOTAL METALS BY INDUCTIVELY COUPLED PLASMA (ICP) (METHOD 6010)

Results Reported as mg/L (ppm)

Sample ID Laboratory ID	<u>Chromium</u>	<u>Copper</u>	<u>Nickel</u>	<u>Zinc</u>
M93877	0.27	0.20	0.10	0.05
1V1936 / / 407217-01	0.27	0.20	0.12	0.05
Method Blank	< 0.05	< 0.05	< 0.10	< 0.05

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Project: Metro Self Monitor, PO# M93877, F&BI 407217

QUALITY ASSURANCE RESULTS FOR TOTAL METALS BY INDUCTIVELY COUPLED PLASMA (ICP) (METHOD 6010)

Laboratory Code: 407070-01 (Duplicate)

Reporting Units Sample Duplicate Percent Acceptance Analyte Result Result Difference Criteria	
Analyte Result Result Difference Criteria	
Chromium mg/L (ppm) 0.36 0.35 3	
Copper mg/L (ppm) 0.39 0.37 5	
Nickel mg/L (ppm) 0.40 0.36 11 0-20	
Zinc mg/L (ppm) 0.05 < 0.05 nm 0-20	

Laboratory Code: 407070-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result		% Reco ery MSI		A restriction of	
Chromium	mg/L (ppm)	5	0.36	86	87	50-150	1	
Copper	mg/L (ppm)	5	0.39	88	87	50-150	1	3.79.73
Nickel	mg/L (ppm)	10	0.40	87	87	50-150	0	
Zinc	mg/L (ppm)	5	0.05	91	95	50-150	4	

Laboratory Code: Laboratory Control Sample

	Edbordory Coc	c. Bubblador, co	THE OF CHIMPIC		2 5 25 25			
		Reporting Unit	s Spike	% Recov	ery % Reco	overy Acceptan	ice RPI)
	Analyte	andaga abay	Level	LCS	LCS	SD Criteria	a (Limit	20)
	Chromium	mg/L (ppm)	5	99	99	70-130	0	
	Copper	mg/L (ppm)	5	98	98	70-130	-1/2	
1	Nickel	mg/L (ppm)	10	98	98	70-130	1	14,750
	Zinc	mg/L (ppm)	5	101	10	1 70-130	0	

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D. Charlene Morrow, M.S. Yelena Aravkina, M.S. Bradley T. Benson, B.S. Kurt Johnson, B.S. 3012 16th Avenue West Seattle, WA 98119-2029 TEL: (206) 285-8282 FAX: (206) 283-5044 e-mail: fbi@isomedia.com

August 3, 2004

DUPLICATE COPY

INVOICE # 04ACU0803-5

Accounts Payable Alaskan Copper Works 628 South Hanford Seattle, WA 98134

RE: Project Metro Self Monitor, PO# M93877, F&BI 407217 - Results of testing requested by Gerry Thompson for material submitted on July 22, 2004.

1 sample analyzed for Total Chromium, Copper, Nickel and Zinc by Method 6010B @ \$80 per sample \$ 80.00

Amount Due \$ 80.00

FEDERAL TAX ID #(b) (6)

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Sample ID	Lab ID	Date	Time	Sample Type	# of containers	TPH-Diesel	TPH-Gasoline	BTEX by 8021B	3260	8270	CP CP CA'ZZ SEEST		EST	£D		1	Notes	
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August 3, 2004

Gerry Thompson, Project Manager Alaskan Copper Works 628 South Hanford Seattle, WA 98134

Dear Mr. Thompson:

Included are the results from the testing of material submitted on July 22, 2004 from the Metro Self Monitor, PO# M93877, F&BI 407217 project. There are 2 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Charlene Morrow

Chemist

Enclosures ACU0803R.DOC